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MAPPING OF THE MAJOR STRUCTURES OF THE AFRICAN RIFT  
SYSTEM USING ERTS-1

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<p>16. Abstract</p> <p>Paul Mohr has continued to map the major lineaments, structures and lithological formations from 18 cm-sq. ERTS-1 prints of eastern Africa and Yemen. Thus far, Ethiopia, Somali and Yemen include more than 80% of the images received from NASA. These data are now compiled on six 0.3 x 1.3m sheets at a scale of 1:1 million, and regional interpretation is commencing.</p> <p>An expedition was made to the Sagatú Mt. region of central Ethiopia, from 16 March to 3 May 1973, to acquire ground-truth to relate to the ERTS-1 imagery of the eastern margin of the main Ethiopian rift. Continued studies will be the basis of a Ph.D. thesis by Mr. E. Potter (Oregon State Univ.)</p> <p>A scientific trip to Iceland and Europe from 11 July to 5 August gave the opportunity to discuss ERTS-1 imagery of eastern Africa and Iceland with various scientists. Soviet scientists note that ERTS-1 imagery does not cover the Lake Baikal rift in central Siberia, thus precluding comparison with the African rifts.</p>			
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